

(A)

Wed Nov 21 09:18:30 2001 [BLASTN 2.2.1 [Jul-12-2001], NCBI]
Repeats masked (summary below)
/home/ruby/va/Molbio/carpenda/tempblast/ss.DNA59842 (1141 bp)

BLAST RESULTS A-1

Sequences producing High-scoring Segment Pairs: Frame Score Match
Pct E-val

1	P_AAC58384	Human PRO1153 nucleotide sequence SEQ ID	+	1141	1141
100	0.0				
2	P_AAZ65081	Membrane-bound protein PRO1153 encoding	+	1141	1141
100	0.0				
3	P_AAF44227	Human PRO1153 (UNQ583) nucleotide sequen	+	1141	1141
100	0.0				
4	BC009558	Homo sapiens, clone IMAGE:3899550, mRNA,	+	1137	1140
100	0.0				
5	P_AAD12571	Human protein having hydrophobic domain	+	1133	1136
100	0.0				
6	AX191504	Sequence 26 from Patent WO0149728. DNA,	+	1133	1136
100	0.0				

>1 P_AAC58384 Human PRO1153 nucleotide sequence SEQ ID NO:48. (1141 bp)
[1 seg]
Score = 1141 (2262 bits), Expect = 0.0
Identities = 1141/1141 (100%), at 1,1-1141,1141, Strand +/+

ss.DNA59842 1
GGGCTGGGCCCGCCGCAGCTCCAGCTGGCCGGCTTGGTCCTGCGGTCCCTCTGGGA

P_AAC58384 1
GGGCTGGGCCCGCCGCAGCTCCAGCTGGCCGGCTTGGTCCTGCGGTCCCTCTGGGA

ss.DNA59842 61
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P_AAC58384 61
GGCCCGACCCGGCCGCGCCCAGCCCCACCATGCCACCCGCGGGGCTCCGCCGGCCGC

ss.DNA59842 121
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P_AAC58384 121
GCCGCTCACCGCAATCGCTCTGTTGGTGTGGGGCTCCCTGGTGTGCCGGCGAGGA

ss.DNA59842 181
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P_AAC58384 181
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ss.DNA59842 241
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P_AAC58384 241
CACCTTCTGCTGCAGGGACCTGCTACCATCGGTACTGCTGCAGGGACCTGACCTTGCTTAT

ss.DNA59842 301
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P_AAC58384 301
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ss.DNA59842 361
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P_AAC58384 361
CTCAGCTGTGATCCTCTTGTGCTGTGGTGCACCACCATCTGCTGTTCTGTTC

ss.DNA59842 421
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P_AAC58384 421
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ss.DNA59842 481
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P_AAC58384 481
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ss.DNA59842 541
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P_AAC58384 541
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ss.DNA59842 601
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P_AAC58384 601
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ss.DNA59842 661
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P_AAC58384 661
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ss.DNA59842 721
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P_AAC58384 841
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ss.DNA59842 901
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P_AAC58384 1021
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P_AAC58384 1081
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ss.DNA59842 1141 A
*
P_AAC58384 1141 A
>2 P_AAZ65081 Membrane-bound protein PRO1153 encoding cDNA. (1141 bp) [1
seg]
Score = 1141 (2262 bits), Expect = 0.0
Identities = 1141/1141 (100%), at 1,1-1141,1141, Strand +/-
ss.DNA59842 1
GGGCTGGGCCCGCCGCAGCTCCAGCTGGCCGGCTTGGTCCTGCGGTCCCTCTGGGA

P_AAZ65081 1
GGGCTGGGCCCGCCGCAGCTCCAGCTGGCCGGCTTGGTCCTGCGGTCCCTCTGGGA
ss.DNA59842 61
GGCCCGACCCCGGCCGCGCCAGCCCCACCATGCCACCCGCGGGCTCCGCCGGCCGC

P_AAZ65081 61
GGCCCGACCCCGGCCGCGCCAGCCCCACCATGCCACCCGCGGGCTCCGCCGGCCGC
ss.DNA59842 121

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P_AAZ65081 121
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P_AAZ65081 181
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ss.DNA59842 241
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P_AAZ65081 241
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ss.DNA59842 301
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P_AAZ65081 301
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ss.DNA59842 541
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P_AAZ65081 541
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ss.DNA59842 601
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P_AAZ65081 601
ACTCTACCCAGCTGGCCCCAGTCTACAACCCCTGCAGCTCCTCCCTATATGCCACC

ss.DNA59842 661
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P_AAZ65081 661
ACAGCCCTTACCGGGAGCCTGAGGAACCAGCCATGTCTGCTGCCCTTCAGTGAT

ss.DNA59842 721
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P_AAZ65081 721
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ss.DNA59842 781
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P_AAZ65081 781
CCTCCAGCCACCAGGCCAGACCAAGCCAAGCCCTGGCCCTACTGGGACAGAGCCCC

ss.DNA59842 841
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P_AAZ65081 841
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ss.DNA59842 901
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P_AAZ65081 901
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ss.DNA59842 961
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P_AAZ65081 961
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P_AAZ65081 1021
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ss.DNA59842 1081
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P_AAZ65081 1081
CTCTCTGGCTGCCCACTGGCACATCTGGCCTGCTAGATTAAAGCTGTAAAGACAAA

ss.DNA59842 1141 A
P_AAZ65081 1141 A

>3 P_AAF44227 Human PRO1153 (UNQ583) nucleotide sequence SEQ ID NO:350.
(1141 bp) [1 seg]
Score = 1141 (2262 bits), Expect = 0.0
Identities = 1141/1141 (100%), at 1,1-1141,1141, Strand +/+

ss.DNA59842 1
GGGCTGGGCCCGCCGCAGCTCCAGCTGGCCGGCTTGGCCTGCGGTCCCTCTCTGGGA

P_AAF44227 1
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ss.DNA59842 61
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P_AAF44227 541
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ss.DNA59842 601
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P_AAF44227 601
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ss.DNA59842 661
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P_AAF44227 661
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ss.DNA59842 721
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P_AAF44227 721
GCCAACCTTGGGAGATGCCCTCATCCTGTACCTGCATCTGGTCCTGGGGTGGCAGGAGT

ss.DNA59842 781
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P_AAF44227 781
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ss.DNA59842 841
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P_AAF44227 841
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P_AAF44227 901
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P_AAF44227 961

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P_AAF44227 1021
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ss.DNA59842 1081
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P_AAF44227 1081
CTCTCTGGCTGCCCACTGGCCACATCTCTGGCCTGCTAGATTAAAGCTGTAAAGACAAA

ss.DNA59842 1141 A
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P_AAF44227 1141 A

>4 BC009558 Homo sapiens, clone IMAGE:3899550, mRNA, partial cds. (1156 bp) [1 seg]
Score = 1137 (2254 bits), Expect = 0.0
Identities = 1140/1141 (99%), at 1,5-1141,1145, Strand +/-

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BC009558 5
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ss.DNA59842 61
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BC009558 65
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ss.DNA59842 121
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BC009558 125
GCCGCTCACCGCAATCGCTCTGTTGGTGTGGGCTCCCCTGGTGCTGCCGGCGAGGA

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BC009558 185
CTGCCTGTGGTACCTGGACCGGAATGGCTCCTGGCATCCGGGTTAACTGCAGTTCTT

ss.DNA59842 241
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BC009558 245
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ss.DNA59842 361
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BC009558 365
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ss.DNA59842 421
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BC009558 425
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BC009558 485
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ss.DNA59842 541
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BC009558 545
CCCTGCACCCCCACAGCCTGGCTCATATACCCACCTAGTGGCCTGCTCCCCAATATCC
ss.DNA59842 601
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BC009558 605
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ss.DNA59842 661
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BC009558 665
ACAGCCCTTACCCGGGAGCCTGAGGAACCAGCCATGTCTCTGCTGCCCTCAGTGAT
ss.DNA59842 721
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BC009558 725
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BC009558 785
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ss.DNA59842 841
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BC009558 845
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ss.DNA59842 901
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ss.DNA59842 961
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BC009558 965
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ss.DNA59842 1021
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BC009558 1025
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ss.DNA59842 1081
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BC009558 1085
CTCTCTGGCTGCCCACTGGCACATCTCTGGCCTGCTAGATTAAGCTGTAAAGACAAA

ss.DNA59842 1141 A

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BC009558 1145 A

>5 P_AAD12571 Human protein having hydrophobic domain encoding cDNA
clone HP10764. (1372 bp) [1 seg]
Score = 1133 (2246 bits), Expect = 0.0
Identities = 1136/1137 (99%), at 1,236-1137,1372, Strand +/+

ss.DNA59842 1
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P_AAD12571 236
GGGCTGGGCCCGCCGCAGCTCCAGCTGGCCGGCTTGGTCCTGCGGTCCCTCTGGGA

ss.DNA59842 61
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P_AAD12571 296
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ss.DNA59842 121
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ss.DNA59842 181
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P_AAD12571 476
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ss.DNA59842 301
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P_AAD12571 536
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ss.DNA59842 1081
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P_AAD12571 1316
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>6 AX191504 Sequence 26 from Patent WO0149728. DNA, PAT 15-AUG-2001
(1372 bp) [1 seg]
Score = 1133 (2246 bits), Expect = 0.0
Identities = 1136/1137 (99%), at 1,236-1137,1372, Strand +/-

ss.DNA59842 1
GGGCTGGGCCCGCCGCAGCTCCAGCTGGCCGGCTTGGCCTGCGGTCCCTCTCTGGGA

AX191504 236
GGGCTGGGCCCGCCGCAGCTCCAGCTGGCCGGCTTGGCCTGCGGTCCCTCTCTGGGA

ss.DNA59842 61
GGCCCGACCCGGCCGCGCCAGCCCCACCATGCCACCCGCGGGCTCCGCCGGCCGC

AX191504 296
GGCCCGACCCGGCCGCGCCAGCCCCACCATGCCACCCGCGGGCTCCGCCGGCCGC

ss.DNA59842 121
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AX191504 356
GCCGCTACCGCAATCGCTCTGTTGGTCTGGGCTCCCTGGTCTGGCCGGCGAGGA

ss.DNA59842 181
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AX191504 416
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ss.DNA59842 241
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ss.DNA59842 301
CACCGAGAGGCAGCAGAAGCAGTGCCTGGCCTTCAGCCCCAAGACCATAGCAGGCATCGC

AX191504 536
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ss.DNA59842 361
CTCAGCTGTGATCCTCTTGCTGTGGTGCACCCATCTGCTGCTTCCTCTGTC

AX191504 596
CTCAGCTGTGATCCTCTTGCTGTGGTGCACCCATCTGCTGCTTCCTCTGTC

ss.DNA59842 421
CTGTTGCTACCTGTACCGCCGGCGCCAGCAGCTCCAGAGCCCATTGAAGGCCAGGAGAT

AX191504 656
CTGTTGCTACCTGTACCGCCGGCGCCAGCAGCTCCAGAGCCCATTGAAGGCCAGGAGAT

ss.DNA59842 481
TCCAATGACAGGCATCCCAGTGCAGCCAGTACCCATACCCCCAGGACCCAAAGCTGG

AX191504 716

ss.DNA59842 541
CCCTGCACCCCCACAGCCTGGCTTCATGTACCCACCTAGTGGTCCTGCTCCCCAATATCC

AX191504 776
CCCTGCACCCCCACAGCCTGGCTTCATATACCCACCTAGTGGTCCTGCTCCCCAATATCC

ss.DNA59842 601
ACTCTACCCAGCTGGGCCCCAGTCTACAACCCCTGCAGCTCCTCCCTATATGCCACC

AX191504 836
ACTCTACCCAGCTGGGCCCCAGTCTACAACCCCTGCAGCTCCTCCCTATATGCCACC

ss.DNA59842 661
ACAGCCCTTACCCGGGAGCCTGAGGAACCAGCCATGTCTTGCTGCCCTTCAGTGAT

AX191504 896
ACAGCCCTTACCCGGGAGCCTGAGGAACCAGCCATGTCTTGCTGCCCTTCAGTGAT

ss.DNA59842 721
GCCAACCTTGGGAGATGCCCTCATCCTGTACCTGCATCTGGTCCTGGGGTGGCAGGAGT

AX191504 956
GCCAACCTTGGGAGATGCCCTCATCCTGTACCTGCATCTGGTCCTGGGGTGGCAGGAGT

ss.DNA59842 781
CCTCCAGCCACCAGGCCCCAGACCAAGCCAAGCCAGCCCTGGGCCCTACTGGGGACAGAGCCCC

AX191504 1016
CCTCCAGCCACCAGGCCCCAGACCAAGCCAAGCCAGCCCTGGGCCCTACTGGGGACAGAGCCCC

ss.DNA59842 841
AGGGAAAGTGGAACAGGAGCTGAACATAGAACTATGAGGGTTGGGGGAGGGCTTGGAAATT

AX191504 1076
AGGGAAAGTGGAACAGGAGCTGAACATAGAACTATGAGGGTTGGGGGAGGGCTTGGAAATT

ss.DNA59842 901
ATGGGCTATTTACTGGGGCAAGGGAGGGAGATGACAGCCTGGTCACAGTGCCTGTT

AX191504 1136
ATGGGCTATTTACTGGGGCAAGGGAGGGAGATGACAGCCTGGTCACAGTGCCTGTT

ss.DNA59842 961
TCAAAATAGTCCCTCTGCTCCCAAGATCCCAGCCAGGAAGGCTGGGCCCTACTGTTGT

AX191504 1196
TCAAAATAGTCCCTCTGCTCCCAAGATCCCAGCCAGGAAGGCTGGGCCCTACTGTTGT

ss.DNA59842 1021
CCCTCTGGCTGGGGTGGGGGAGGGAGGGAGGTCCGTAGCAGCTGGCAGTAGCCCTC

BLAST RESULTS A15

AX191504 1256
CCCCCTCTGGCTGGGTGGGGGAGGGAGGAGGTCCGTCAGCAGCTGGCAGTAGCCCTC

ss.DNA59842 1081
CTCTCTGGCTGCCCACTGGCCACATCTCTGGCCTGCTAGATTAAAGCTGTAAAGAC

AX191504 1316
CTCTCTGGCTGCCCACTGGCCACATCTCTGGCCTGCTAGATTAAAGCTGTAAAGAC

(B)

Wed Nov 21 09:32:36 2001 [BLASTP 2.2.1 [Jul-12-2001], NCBI]
/home/ruby/va/Molbio/carpenda/tempblast/p1.DNA59842.nc (197 aa)

Sequences producing High-scoring Segment Pairs:

			Score	Match	Pct	E-val
1	P_AAB65258	Human PRO1153 (UNQ583) protein sequence S	1118	197	100	e-121
2	P_AAG81325	Human AFP protein sequence SEQ ID NO:168	1118	197	100	e-121
3	P_AAY66735	Membrane-bound protein PRO1153 - Homo sap	1118	197	100	e-121
4	P_AAB24074	Human PRO1153 protein sequence SEQ ID NO:	1118	197	100	e-121
5	CAC38575.1	unnamed protein product - Homo sapiens	1118	197	100	e-121
6	P_AAE06576	Human protein having hydrophobic domain,	1114	196	99	e-121
7	CAC51150.1	unnamed protein product - Homo sapiens	1114	196	99	e-121

>1 P_AAB65258 Human PRO1153 (UNQ583) protein sequence SEQ ID NO:351 - Homo (197 aa) [1 seg]

Score = 1118 (435 bits), Expect = e-121

Identities = 197/197 (100%), Positives = 197/197 (100%), at 1,1-197,197

DNA59842.nc	1	MPPAGLRRAAPLTAIALLVLGAPLVLAGEDCLWYLDRNGSWHPGFNCEFFTFCGGTCYHR
P_AAB65258	1	MPPAGLRRAAPLTAIALLVLGAPLVLAGEDCLWYLDRNGSWHPGFNCEFFTFCGGTCYHR
DNA59842.nc	61	YCCRDLLITERQQKHCLAFSPKTIAGIASAVILFVAVVATTICCFCLSCCCYLYRRRQQ
P_AAB65258	61	YCCRDLLITERQQKHCLAFSPKTIAGIASAVILFVAVVATTICCFCLSCCCYLYRRRQQ
DNA59842.nc	121	LQSPFEGQEIPMTGIPVQPVYPQDPKAGPAPPQPGFMYPPSGPAPQYPLYPAGPPVYN
P_AAB65258	121	LQSPFEGQEIPMTGIPVQPVYPQDPKAGPAPPQPGFMYPPSGPAPQYPLYPAGPPVYN
DNA59842.nc	181	PAAPPPYMPQPSYPGA
P_AAB65258	181	PAAPPPYMPQPSYPGA

>2 P_AAG81325 Human AFP protein sequence SEQ ID NO:168 - Homo sapiens. (197 aa) [1 seg]

Score = 1118 (435 bits), Expect = e-121

Identities = 197/197 (100%), Positives = 197/197 (100%), at 1,1-197,197

DNA59842.nc	1	MPPAGLRRAAPLTAIALLVLGAPLVLAGEDCLWYLDRNGSWHPGFNCEFFTFCGGTCYHR
P_AAG81325	1	MPPAGLRRAAPLTAIALLVLGAPLVLAGEDCLWYLDRNGSWHPGFNCEFFTFCGGTCYHR
DNA59842.nc	61	YCCRDLLITERQQKHCLAFSPKTIAGIASAVILFVAVVATTICCFCLSCCCYLYRRRQQ
P_AAG81325	61	YCCRDLLITERQQKHCLAFSPKTIAGIASAVILFVAVVATTICCFCLSCCCYLYRRRQQ
DNA59842.nc	121	LQSPFEGQEIPMTGIPVQPVYPQDPKAGPAPPQPGFMYPPSGPAPQYPLYPAGPPVYN
P_AAG81325	121	LQSPFEGQEIPMTGIPVQPVYPQDPKAGPAPPQPGFMYPPSGPAPQYPLYPAGPPVYN
DNA59842.nc	181	PAAPPPYMPQPSYPGA
P_AAG81325	181	PAAPPPYMPQPSYPGA

>3 P_AAY66735 Membrane-bound protein PRO1153 - Homo sapiens. (197 aa) [1 seg]

BLAST RESULTS B-1

Score = 1118 (435 bits), Expect = e-121
 Identities = 197/197 (100%), Positives = 197/197 (100%), at 1,1-197,197

DNA59842.nc 1 MPPAGLRRAAPLTAIALLVGAPLVLAGEDCLWYLDRNGSWHPGFNCEFFTFCGGTCYHR

 P_AAY66735 1 MPPAGLRRAAPLTAIALLVGAPLVLAGEDCLWYLDRNGSWHPGFNCEFFTFCGGTCYHR

 DNA59842.nc 61 YCCRDLLITERQQKHCLAFSPKTIAGIASAVILFVAVVATTICFLCSCCYLYRRQQ

 P_AAY66735 61 YCCRDLLITERQQKHCLAFSPKTIAGIASAVILFVAVVATTICFLCSCCYLYRRQQ

 DNA59842.nc 121 LQSPFEGQEIPMTGIPVQPVYPQDPKAGPAPPQPGFMYPPSGPAPQYPLYPAGPPVYN

 P_AAY66735 121 LQSPFEGQEIPMTGIPVQPVYPQDPKAGPAPPQPGFMYPPSGPAPQYPLYPAGPPVYN

 DNA59842.nc 181 PAAPPPYMPPQPSYPGA

 P_AAY66735 181 PAAPPPYMPPQPSYPGA

>4 P_AAB24074 Human PRO1153 protein sequence SEQ ID NO:49 - Homo sapiens. (197 aa) [1 seg]
 Score = 1118 (435 bits), Expect = e-121
 Identities = 197/197 (100%), Positives = 197/197 (100%), at 1,1-197,197

DNA59842.nc 1 MPPAGLRRAAPLTAIALLVGAPLVLAGEDCLWYLDRNGSWHPGFNCEFFTFCGGTCYHR

 P_AAB24074 1 MPPAGLRRAAPLTAIALLVGAPLVLAGEDCLWYLDRNGSWHPGFNCEFFTFCGGTCYHR

 DNA59842.nc 61 YCCRDLLITERQQKHCLAFSPKTIAGIASAVILFVAVVATTICFLCSCCYLYRRQQ

 P_AAB24074 61 YCCRDLLITERQQKHCLAFSPKTIAGIASAVILFVAVVATTICFLCSCCYLYRRQQ

 DNA59842.nc 121 LQSPFEGQEIPMTGIPVQPVYPQDPKAGPAPPQPGFMYPPSGPAPQYPLYPAGPPVYN

 P_AAB24074 121 LQSPFEGQEIPMTGIPVQPVYPQDPKAGPAPPQPGFMYPPSGPAPQYPLYPAGPPVYN

 DNA59842.nc 181 PAAPPPYMPPQPSYPGA

 P_AAB24074 181 PAAPPPYMPPQPSYPGA

>5 CAC38575.1 unnamed protein product - Homo sapiens (197 aa) [1 seg]
 Score = 1118 (435 bits), Expect = e-121
 Identities = 197/197 (100%), Positives = 197/197 (100%), at 1,1-197,197

DNA59842.nc 1 MPPAGLRRAAPLTAIALLVGAPLVLAGEDCLWYLDRNGSWHPGFNCEFFTFCGGTCYHR

 CAC38575.1 1 MPPAGLRRAAPLTAIALLVGAPLVLAGEDCLWYLDRNGSWHPGFNCEFFTFCGGTCYHR

 DNA59842.nc 61 YCCRDLLITERQQKHCLAFSPKTIAGIASAVILFVAVVATTICFLCSCCYLYRRQQ

 CAC38575.1 61 YCCRDLLITERQQKHCLAFSPKTIAGIASAVILFVAVVATTICFLCSCCYLYRRQQ

 DNA59842.nc 121 LQSPFEGQEIPMTGIPVQPVYPQDPKAGPAPPQPGFMYPPSGPAPQYPLYPAGPPVYN

 CAC38575.1 121 LQSPFEGQEIPMTGIPVQPVYPQDPKAGPAPPQPGFMYPPSGPAPQYPLYPAGPPVYN

 DNA59842.nc 181 PAAPPPYMPPQPSYPGA

CAC38575.1 181 PAAPPPYMPQQPSYPGA

>6 P_AAE06576 Human protein having hydrophobic domain, HP10764 - Homo (197 aa) [1 seg]

Score = 1114 (433 bits), Expect = e-121

Identities = 196/197 (99%), Positives = 197/197 (99%), at 1,1-197,197

DNA59842.nc 1 MPPAGLRRRAAPLTAIALLVLGAPLVLAGEDCLWYLDRNGSWHPGFNCEFFTFCGGTCYHR

P_AAE06576 1 MPPAGLRRRAAPLTAIALLVLGAPLVLAGEDCLWYLDRNGSWHPGFNCEFFTFCGGTCYHR

DNA59842.nc 61 YCCRDLLITERQQKHCLAFSPKTIAGIASAVILFVAVVATTICCFCLSCCCYLYRRRQQ

P_AAE06576 61 YCCRDLLITERQQKHCLAFSPKTIAGIASAVILFVAVVATTICCFCLSCCCYLYRRRQQ

DNA59842.nc 121 LQSPFEGQEIPMTGIPVQPVYPQDPKAGPAPPQPGFMYPPSGPAPQYPLYPAGPPVYN

P_AAE06576 121 LQSPFEGQEIPMTGIPVQPVYPQDPKAGPAPPQPGFIYPPSGPAPQYPLYPAGPPVYN

DNA59842.nc 181 PAAPPPYMPQQPSYPGA

P_AAE06576 181 PAAPPPYMPQQPSYPGA

>7 CAC51150.1 unnamed protein product - Homo sapiens (197 aa) [1 seg]

Score = 1114 (433 bits), Expect = e-121

Identities = 196/197 (99%), Positives = 197/197 (99%), at 1,1-197,197

DNA59842.nc 1 MPPAGLRRRAAPLTAIALLVLGAPLVLAGEDCLWYLDRNGSWHPGFNCEFFTFCGGTCYHR

CAC51150.1 1 MPPAGLRRRAAPLTAIALLVLGAPLVLAGEDCLWYLDRNGSWHPGFNCEFFTFCGGTCYHR

DNA59842.nc 61 YCCRDLLITERQQKHCLAFSPKTIAGIASAVILFVAVVATTICCFCLSCCCYLYRRRQQ

CAC51150.1 61 YCCRDLLITERQQKHCLAFSPKTIAGIASAVILFVAVVATTICCFCLSCCCYLYRRRQQ

DNA59842.nc 121 LQSPFEGQEIPMTGIPVQPVYPQDPKAGPAPPQPGFMYPPSGPAPQYPLYPAGPPVYN

CAC51150.1 121 LQSPFEGQEIPMTGIPVQPVYPQDPKAGPAPPQPGFIYPPSGPAPQYPLYPAGPPVYN

DNA59842.nc 181 PAAPPPYMPQQPSYPGA

CAC51150.1 181 PAAPPPYMPQQPSYPGA